

?S PN=DE 19547978

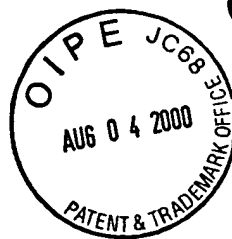
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DIALOG(R) File 351:DERWENT WPI

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WPI Acc No: 1997-342867/199732

Fluid dynamic valve to switch two gas flows - has continuously narrowing channel sector in supply line, followed by tube section of constant cross-section with radial apertures

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19547978	A1	19970703	DE 1047978	A	19951221	199732 B
DE 19547978	C2	19990819	DE 1047978	A	19951221	199937

Priority Applications (No Type Date): DE 1047978 A 19951221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19547978	A1	7	F15D-001/14	
DE 19547978	C2		F15D-001/14	

Abstract (Basic): DE 19547978 A

The fluid dynamic valve has no mechanically operated parts. It has a continuously narrowing channel sector (15) in the supply line, followed by a tube section (16) of constant cross-section, in which there are one or more apertures (17) or an annular gap, connected to the supply channel (18).

This is connected to the corresponding equivalent device of the second container and to the supply line of the fluid dynamic system. The narrowing channel sectors of both lines are arranged so that their axes intersect at an angle of 40-60 deg. .

ADVANTAGE - Prevents undesirable mixing of gas flows.

Dwg.2/6

Derwent Class: Q57; Q73; Q78

International Patent Class (Main): F15D-001/14

International Patent Class (Additional): F23J-011/00; F23L-013/00;

F28D-017/00